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Notice of Allowability	Application No.		Applicant(s)	
	10/676,844		ITTEL ET AL.	
	Examiner		Art Unit	
	KimbleAnn Verdi		2194	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Request for Continued Examination filed on December 6, 2007.
2. ☒ The allowed claim(s) is/are 1-8 and 12-18 now numbered as 1-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

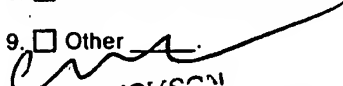
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|


 WILLIAM THOMSON
 SUPERVISORY PATENT EXAMINER

DETAILED ACTION

This office action is in response to the Application filed on December 6, 2007. Claims 1-8 and 12-18 are pending in the application.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Charles L. Hamilton (Reg. No. 42,624) on February 7, 2008.

The claims have been amended as specified by Applicant in the facsimile Amendment dated February 7, 2008 which is attached hereto.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

The prior art of record, specifically "Getting Started with SNAP™," by Template Software, Inc., in view of "Using the SNAP™ Development Environment," by Template Software, Inc. and further in view of United States Patent 6,748,455 B1 to Hinson et al. does not expressly teach or render obvious the invention as recited in

independent claims 1 and 12. As to claims 1-7 and 12-18, the prior art of record does not teach or render obvious the limitations as recited in claims 1 and 12, receive an event subscription directed to a subscribing component when the subscribing component has not been instantiated, the event subscription specifying subscriptions to one or more events generated by sub-components embedded by the subscribing component; cache events generated by the sub-components that are specified by the event subscription while the subscribing component has not been instantiated; forward any cached events to an instance of the subscribing component after the subscribing component is instantiated; receive one or more context mappings for a component, the context mappings being specified by a component embedder to exchange context data with the component, the context data comprising interface data and configuration data; if the component has not been instantiated, cache the specified context mappings; create the specified context mappings for the component after the component has been instantiated, when taken in the context of the claims as a whole.

Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention as recited in claims 1 and 12.

The prior art of record, specifically "Using the SNAP™ External Application Software Component," by Template Software, Inc. in view of "Getting Started with SNAP™," by Template Software, Inc. and further in view of United States Patent 6,748,455 B1 to Hinson et al. does not expressly teach or render obvious the invention as recited

in independent claim 8. As to claim 8, the prior art of record does not teach or render obvious the limitations as recited in claim 8, receive an event subscription directed to a subscribing component when the subscribing component has not been instantiated, the event subscription specifying subscriptions to one or more events generated by sub-components embedded by the subscribing component; cache events generated by the sub-components that are specified by the event subscription while the subscribing component has not been instantiated; forward any cached events to an instance of the subscribing component after the subscribing component is instantiated; receive one or more context mappings for a component, the context mappings being specified by a component embedder to exchange context data with the component, the context data comprising interface data and configuration data; if the component has not been instantiated, cache the specified context mappings; create the specified context mappings for the component after the component has been instantiated, when taken in the context of the claims as a whole.

Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention as recited in claim 8.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


CONTACT INFORMATION

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KimbleAnn Verdi whose telephone number is (571) 270-1654. The examiner can normally be reached on Monday-Friday 7:30am-5:00pm EST..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Thomson can be reached on (571) 272-3718. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

February 11, 2008
KV


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER